

SEQUENCE LISTING

```
<1: >> Tsichlis, Philip
    Grimes, Leighton III H
    Zweidler-McKay, Patrick
```

<120> NUCLEIC ACID MOLECULE FOR ENHANCING GENE EXPRESSION

<130> FCCC96-11

<140> 09/202,549

<141> 1999-10-12

<150> PCT/US97/10486

<151> 1997-06-17

<150> 60/019,808

<151> 1996-06-17

<160> 14

<170> PatentIn Ver. 2.1

<210> 1

<211> 12

<111> DNA

<213> Artificial Sequence

<2200>

<223> Description of Artificial Sequence: cDNA

<400> 1

naaatcaeng ca

12

<2110> 2

<011> 12

<0105 DNA

<2333 Artificial Sequence

<220>

<pre><.223> Description of Artificial Sequence:</pre>	CDNA
<400> 2 taaatcacng ca	12
<210> 3 <211> 12 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence:	CDNA
<400> 3 nannnnacng ca	12
<210> 4 <211> 24 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence:	CUNA
<400> 4 anaaaanaaa toacngcata tgcc	24
<210> 5 <211> 33 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence:	cDNA
<400> 5 accatcacca cataaatcac tgcctatcct gtg	33



```
<210> 6
<211> 24
<212> DNA
<213 > Artificial Sequence
<220>
<223> Description of Artificial Sequence: cDNA
<400> 6
                                                                    24
caccacataa atcastgsst atcc
<210> 7
<211> 24
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: cDNA
<400> 7
                                                                    24
daddadatag atdadtgddt atdd
<210> 8
<211> 24
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: cDNA
<400> 8
                                                                    24
caccacataa ctcactgost atcc
```

<110> 9

F. xt

<211 > 24 <212 > DNA <213 > Artificial Sequence	
<220> <223> Description of Artificial Sequence: cDNA	
<400> 9 caccacataa ataactgcct atcc	24
<210> 10 <211> 24 <212> DNA <213> Artificial Sequence	
<2205 <2235 Description of Artificial Sequence: cDNA	
<400> 10 caccacataa atcaatgeet atee	24
<210> 11 <211> 24 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: cDNA	
<400> 11 caccacataa atcactteet atce	24
<210> 12 <111> 500 <212> DNA <213> Artificial Sequence	

Page 4

<d21>
<d22> Description of Artificial Sequence: cDNA

second control of the control of the

<210 > 13 <211 > 500 <212 > DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: cDNA

<400> 13
goodgootgg otgacogood aacgacoodd ogggattgad gtdaataatg acgtatgtto 60
cdatagtaad godaataggg actttecatt gacgtdaatg ggtggagtat ttadggtaaa 120
ctgccdactt ggdagtacat daagtgtatd atatgcdaag tadgdddact attgacgtda 180
atgacggtaa atggcccgoo tggcattatg dddaqtaaa qaddtatgg gaettticta 240
cttggdagta catdtacgta ttagtdatcg dtattacdat ggtgatgcgg ttttggcagt 300

acatcaatgg gogtggatag oggtttgadt caeggggagt tocaagtete caecgcattg 360 acgtcaatgg gagtttqttt tqqcaccaaa etcaaeggga etttecaaaa tgtegtaaca 420 acteegeece attgaegeaa atqqqeqqta qqeqtqtaeg gtgggaggte tatataagea 480 gagetegttt agtgaaeegt 500

<210> 14

<211> 500

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: cDNA

<400> 14

geologoctgg etgacogoo aacgacocc egggattgac gteaataatg acgtatgtte 60 ccatagtaac gecaataggg actttecatt gacgteaatg ggtggagtat ttacggtaaa 120 ctgoccactt ggcagtacat caagtgtate atatgecaag tacgecccet attgacgtea 160 atgacggtaa atggeeegee tggcattatg eccagtacat gacettatgg gactttecta 240 cttggcagta catetacgta ttagteateg etattaccat ggtgatgegg ttttggcagt 300 acateaatgg gegtggatag eggtttgact cacgggactt tecaagtete caceccattg 360 acgtcaatgg gagtttgtt tggcaccaaa actaacggga etttecaaaa tgtegtaaca 420 acteegeece attgacqaa atggeggta ggcgtgtacg gtgggaggte tatataagca 480 gagetegttt agtgaaccgt

a cont